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selectively inhibiting attachment of said cells to said vitronectin.

- 49. A method of selectively inhibiting binding of vitronectin receptor-containing cells to a substrate comprising providing to said cells *in vitro* a solution containing a peptide that encompasses the sequence Arg-Gly-Asp, said Arg-Gly-Asp sequence being conformationally restricted, thereby selectively inhibiting binding of said vitronectin receptor-containing cells to said substrate.
- 50. A method of selectively inhibiting binding of vitronectin receptor-containing cells to a substrate comprising providing to said cells *in vivo* a solution containing a peptide that encompasses the sequence Arg-Gly-Asp, said Arg-Gly-Asp sequence being conformationally restricted, thereby selectively inhibiting binding of said vitronectin receptor-containing cells to said substrate.
- 51. A method of selectively inhibiting binding of vitronectin receptor-containing cells to a substrate comprising the steps of:
- a. providing to said cells *in vitro* a peptide containing the sequence Arg-Gly-Asp in solution, said Arg-Gly-Asp sequence being conformationally restricted; and
  - b. contacting said cells with said solution.
- 52. A method of selectively inhibiting binding of vitronectin receptor-containing cells to a substrate comprising the steps of:

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- a. providing to said cells *in vivo* a peptide containing the sequence Arg-Gly-Asp in solution, said Arg-Gly-Asp sequence being conformationally restricted; and
  - b. contacting said cells with said solution.
- 53. A method of selectively inhibiting binding of cells to a substrate comprising providing to said cells in vitro a solution of a peptide containing an Arg-Gly-Asp sequence chemically modified with an additional chemical structure, wherein said additional chemical structure conformationally restricts the stereochemical structure of said Arg-Gly-Asp sequence in such a way that the affinity of the Arg-Gly-Asp binding site sequence for a particular receptor is enhanced.
- 54. A method of selectively inhibiting binding of cells to a substrate comprising providing to said cells *in vivo* a solution of a peptide containing an Arg-Gly-Asp sequence chemically modified with an additional chemical structure, wherein said additional chemical structure conformationally restricts the stereochemical structure of said Arg-Gly-Asp sequence in such a way that the affinity of the Arg-Gly-Asp binding site sequence for a particular receptor is enhanced.

## REMARKS

Claims 45 through 54 are presently pending and under examination. Claims 47 through 54 have been amended herein.